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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Roger A. Green
David C. Farden
John W. Pierre
Richard C. Anderson-Sprecher
Edwin A. Suominen

Art Unit: : _____



Serial No. : _____

Examiner: : _____

Filing Date : December 6, 2000

Title : Vector Calibration System

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC 20231

CERTIFICATION UNDER 37 CFR 1.10: I hereby certify that this paper and any papers referred to as being enclosed herewith are being deposited with the United States Postal Service on <u>December 6, 2000</u> in an "Express Mail Post Office to Addressee"	
Envelope Mailing Label No. <u>EL588335067US</u> addressed to BOX PATENT APPLICATION, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 by	
<u>Donald Hertz III</u> (Name)	<u>Donald Hertz III</u> (Signature)

NEW APPLICATION TRANSMITTAL

Dear Sir:

Enclosed for filing is a non-provisional patent application of Roger A. Green et al. entitled "Vector Calibration System." This application claims the benefit of U.S. Provisional Application No. 60/190, 228, filed March 15, 2000.

Small entity status was established in the provisional application and is claimed in this application as well.

Pursuant to 37 C.F.R. § 1.213, this application is not to be published under 35 U.S.C. § 122(b). The undersigned certifies that the invention(s) disclosed in the application has not been and will not be filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

APPLICATION PAPERS ENCLOSED

- 51 pages of specification, including 19 pages of claims and 1 page of abstract.
- 14 drawing sheets.
- Combined Declaration and Power of Attorney.

FILING DOCUMENTS ENCLOSED

- Preliminary Amendment.
- Information Disclosure Statement with PTO-1449 and copies of cited references.
- Three assignment recordal sheets with assignments (1) from Roger A. Green and David C. Farden to North Dakota State University (NDSU); (2) from NDSU and Edwin A. Suominen to the NDSU Research Foundation; and (3) from John W. Pierre and Richard C. Anderson-Sprecher to the University of Wyoming.


FEES

Small entity status is claimed. Upon entry of the enclosed preliminary amendment, this application contains 7 independent claims and 31 total claims. A check for \$614.00 is enclosed to cover the basic filing fee (\$355.00) and fees for 4 excess independent claims (\$160.00) and 11 excess total claims (\$99.00). In addition, three separate checks of \$40.00 are enclosed with each assignment recordal sheet.

Please feel free to telephone the undersigned if it would in any way advance prosecution of this application.

Respectfully submitted,

Dated: December 6, 2000

By: 
Edwin A. Suominen
Reg. No. 43,174

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